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INFORMATION REPORT

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SHBUERT

Work on the A-1 Training Device at Zeiss, Jena

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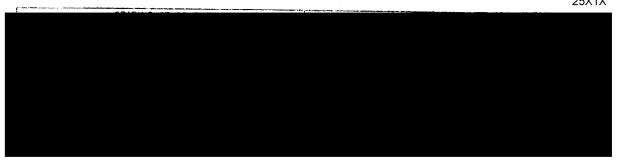
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- In such department the most important (optical) people are assigned to the development progrem for the A-1 device. Its delivery date is 1 May for the first set. A total of 200 units has been ordered, valued at 16 million Mark
- 2. Some technical and designing details have not been settled, so final dimensions and appearance are not definite. A screen three moters aquare is desired in place of the present two meter square screen, but this presents several problems. A new foundry would be required at Walfen to pour the Erger screen, image ratios in the optical system would have to be changed and pilot's viewing method would have to be modified Also, several new proposals enter the situation, such as the use of a "pankratische" (panoramic?) projector, and the A=2 and $\Lambda=3$ tesining devices
- Models of U.C. aircraft, locomotives, etc., have been included in the present A-1 training cevice. The simulated targets are very realistic, and analysis of performance (hits, etc.) is indicated electrically To provide such sutomatic action, over 2000 relays are used.
- 4. Missner recently left the Reproduction Department of the Zeiss Works and went West. He was responsible for the model photographs and test plates for the Asla He is reportedly an expert at cutting lines with spacing as fine as 1/1000th of m mm. for Fraunhofer diffraction gratings.
- 5. The micro-department is concentrating on instruments for tumor research. Dr $_{\circ}$ Kn811 is head, and Dr. Zinnaser is prominent in research on tumors at the Frauenklinik. Dr. Kn811 is reported to have isoleted tomor forming agents and filtrates hate in the war.

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